

SAIT MERCAN



Personal Information

- SAIT MERCAN
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- 2A Garayev Street, Shuvalan Settlement, Khazar District, Baku, Azerbaijan
- 14.02.1981
- Sari
- Male
- Republic of Türkiye
- Married

Professional Skills

- Microsurgical techniques
- Endoscopic surgery
- Brain tumor surgery
- Spine surgery
- Treatment of vascular malformations
- Aneurysm surgery
- Multidisciplinary treatment approaches
- Neurosurgical case management
- Complex trauma surgery
- Spinal cord tumor surgery
- Neurovascular surgery
- Stabilization techniques
- Epilepsy surgery
- Brain function mapping
- Emergency neurosurgical interventions
- Emergency response skills
- Knowledge of neuroanatomy and pathology

Education

- Medical Education** 2000 - 2007
Mazandaran University of Medical Sciences, Sari
- Specialization in Neurosurgery** 2015 - 2020
Hacettepe University Hospital, Ankara

Work Experience

- Specialist Neurosurgeon** 2020 - 2021
Ankara Memorial Hospital, Ankara
 - Applied and developed advanced surgical techniques in the field of brain and nerve surgery.
 - Successfully performed microsurgical and endoscopic surgical procedures.
 - Specialized in the surgical management of complex brain and spinal cord trauma.
 - Gained experience in the surgical treatment of brain tumors.
 - Used advanced techniques in spine surgery procedures.
 - Developed and implemented innovative surgical procedures in clinical neurosurgical practice.
 - Performed minimally invasive operations using endoscopic surgical methods.
 - Ensured high precision in brain and nerve surgery through advanced microscopic surgical techniques.
 - Gained experience in the surgical treatment of complex vascular malformations.
 - Successfully treated brain aneurysms using microsurgical techniques and managed patient follow-up processes.
 - Performed stabilization and reconstructive surgical procedures for spinal deformities and injuries.
 - Actively contributed to radical surgical removal of brain tumors and treatment planning.
 - Managed rapid assessment and intervention processes in emergency neurosurgical cases.
- Specialist Neurosurgeon** 2021 - 2023
Van Training and Research Hospital, Van
 - Specialized in the surgical management of complex brain and spinal cord trauma and performed successful operations.
 - Used advanced stabilization and reconstructive techniques in spine surgery.
 - Performed microsurgical treatment of brain aneurysms and vascular malformations and managed follow-up processes.
 - Developed and applied minimally invasive surgical techniques for brain tumors.
 - Developed multidisciplinary approaches for the surgical treatment of spinal cord tumors.
 - Integrated new technologies in microscopic surgery to reduce operation time.

- Optimized epilepsy surgery using brain function mapping.
- Created personalized treatment protocols for high-risk neurosurgical cases.
- Increased precision and safety in neurological procedures through brain function mapping techniques.
- Planned and implemented personalized treatment protocols for high-risk neurosurgical cases.
- Planned and performed complex reconstructive surgical operations for spinal deformities and injuries.
- Optimized preoperative and postoperative patient management in cooperation with multidisciplinary teams.
- Applied and developed advanced intraoperative neuromonitoring techniques in neurosurgery.
- Developed complication management and preventive strategies in brain and spinal cord surgery.
- Effectively treated brain aneurysms and vascular malformations using microsurgical methods and carefully managed patient follow-up.
- Performed comprehensive interventions with high success rates in the surgical management of complex brain and spinal cord trauma.
- Developed innovative methods and multidisciplinary treatment plans for spinal cord tumor surgery.
- Performed minimally invasive operations using endoscopic surgical methods.
- Applied specific surgical procedures in pediatric neurosurgical cases and contributed to improved outcomes.

Specialist Neurosurgeon 2024 - 2025

Yeni Clinic, Baku

- Managed preoperative preparation and follow-up processes for patients in hospitals and clinics in the field of brain and nerve surgery.
- Contributed to clinical research in neurosurgery and supported the development of innovative treatment methods.
- Developed and managed comprehensive follow-up programs for neurosurgical patients during intensive care and rehabilitation processes.
- Increased precision and reliability in neurological surgical operations using brain function mapping techniques.

Courses and Training

Languages

English



Turkish



Azerbaijani



Endoscopic Skull Base Surgery

2017

- Surgical treatment of skull base tumors using minimally invasive endoscopic methods.

IBNC Pediatric Neurosurgery

2021

- Surgical treatment of brain and spinal cord tumors in pediatric neurosurgery.
- Multidisciplinary approach to the surgical treatment of head trauma and hydrocephalus in children.
- Surgical management and postoperative follow-up of congenital neurological defects in pediatric neurosurgery.
- Application and development of advanced surgical techniques in pediatric neurosurgery within the IBNC program

Turkish Neurosurgery Congress

2022

- Presentation and discussion of the latest microsurgical techniques in brain and spinal cord surgery.
- Case presentations on the surgical management of complex brain and spinal cord trauma.
- Sharing of minimally invasive surgical techniques in brain aneurysms and vascular malformations.
- Panels on multidisciplinary approaches and integration of new technologies in neurosurgery.
- Presentation of innovative surgical techniques in clinical neurosurgical practice.
- Discussion of multidisciplinary approaches in the surgical treatment of brain tumors.
- Presentation of innovative approaches in the surgical management of spinal trauma.
- Introduction of new surgical tools and methods in neurovascular surgery.
- Case presentations on minimally invasive neurosurgical procedures.
- Application of brain function mapping techniques in neurosurgical operations.

TNDer SPSCG Spinal Symposium

2024

- Application of advanced microsurgical techniques in spine surgery.

- Minimally invasive surgical approaches and case analysis in spinal trauma.
- Use of multidisciplinary methods in the surgical treatment of spinal tumors.
- Innovative stabilization techniques in the diagnosis and surgical management of spinal deformities.
- Surgical treatment of spinal vascular malformations.
- Current approaches to endoscopic spinal surgery.
- Discussion of innovative reconstructive techniques in spinal stabilization.
- Multidisciplinary spine surgery case presentations and comparison of clinical outcomes.
- Application of biomechanical principles in spine surgery and evaluation of clinical outcomes.
- Innovative methods and patient follow-up in the surgical management of spinal infections.
- Development and application examples of neuromonitoring techniques used in spine surgery.
- New approaches in the surgical management of spinal cord injuries.

Turkish Spine Congress

2025

- Studies on spine surgery techniques and innovations presented at the Turkish Spine Congress.
- Practical examples of microsurgical and endoscopic surgical methods.
- Complex spinal deformities and treatment approaches.
- Surgical management of spinal trauma and case analyses.
- Evaluation of multidisciplinary treatment approaches in spine and spinal cord surgery.
- Application of innovative techniques for the surgical treatment of spinal cord tumors.
- Integration of spinal trauma management and stabilization methods into clinical practice.
- Evaluation of current spine surgery approaches in neurosurgery.
- Clinical applications of new methods in spinal stabilization and reconstruction.

Certificates

Endoscopic Pituitary Surgery	2017
Endovascular Surgery	2022
Turkish Neurosurgical Society	2022
IBNC Pediatric Neurosurgery	2021
Turkish Spine Society	2025
ANEA Azerbaijan	2025

Baku, 26 November 2025